

10

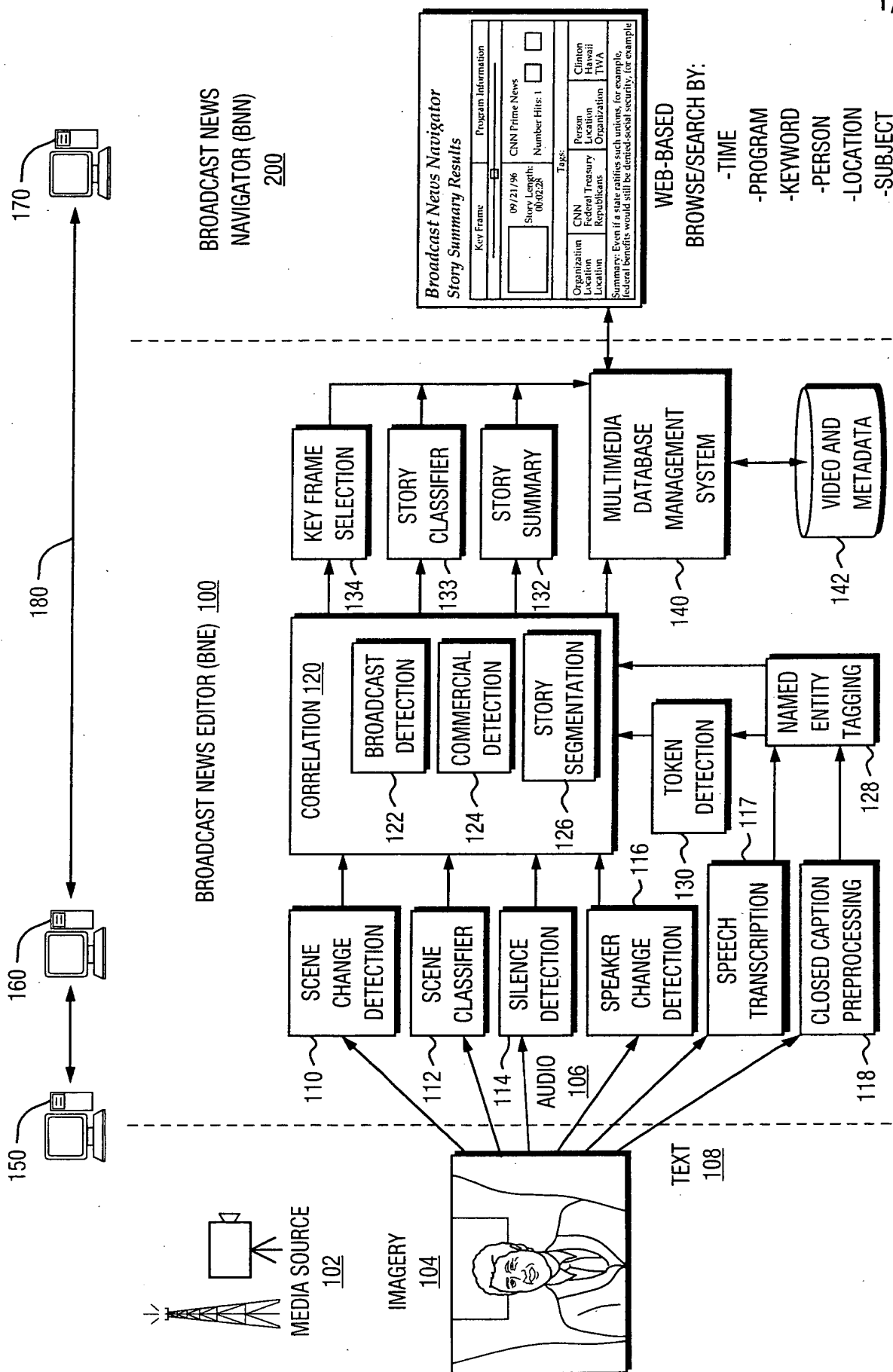


FIG. 1

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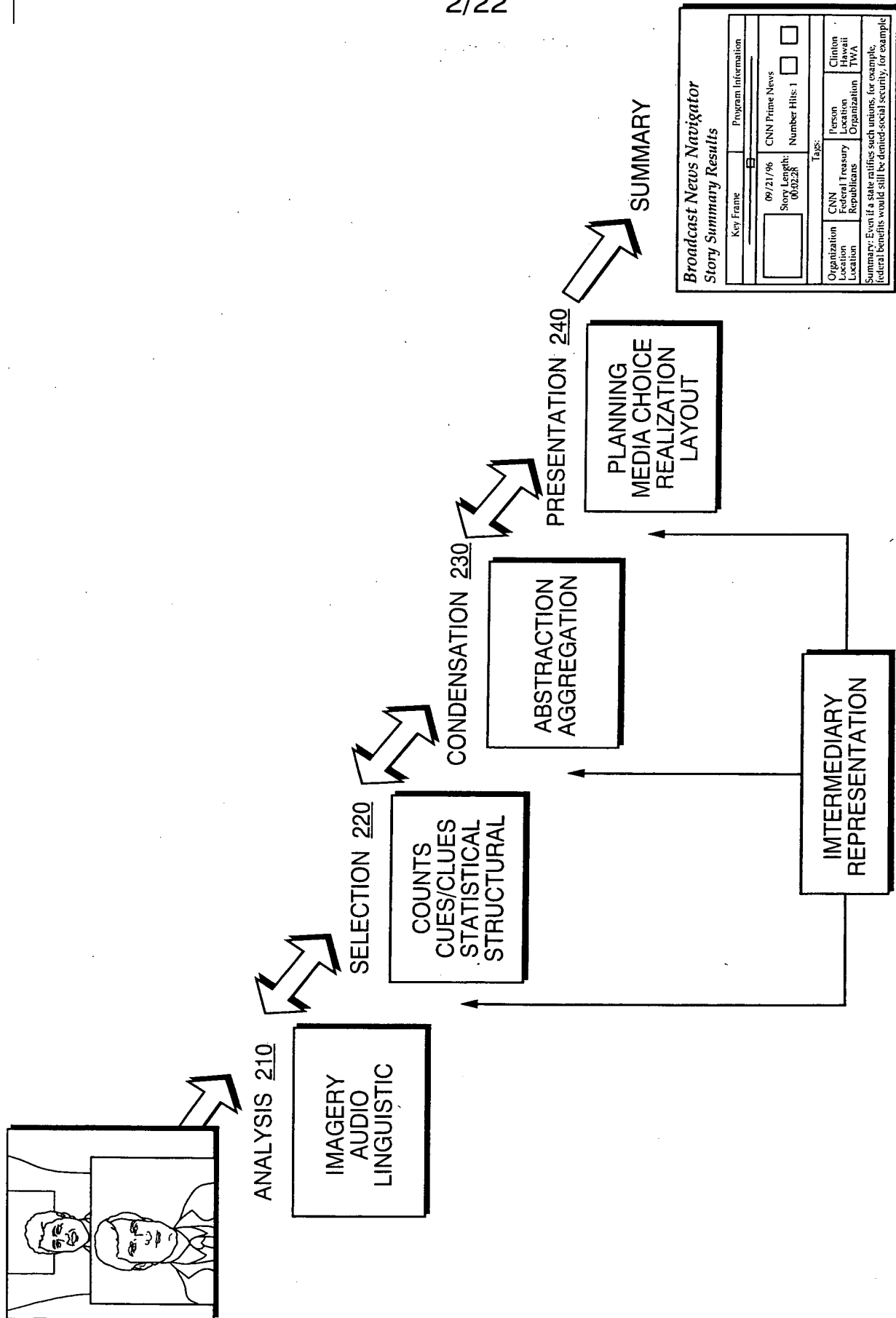


FIG. 2

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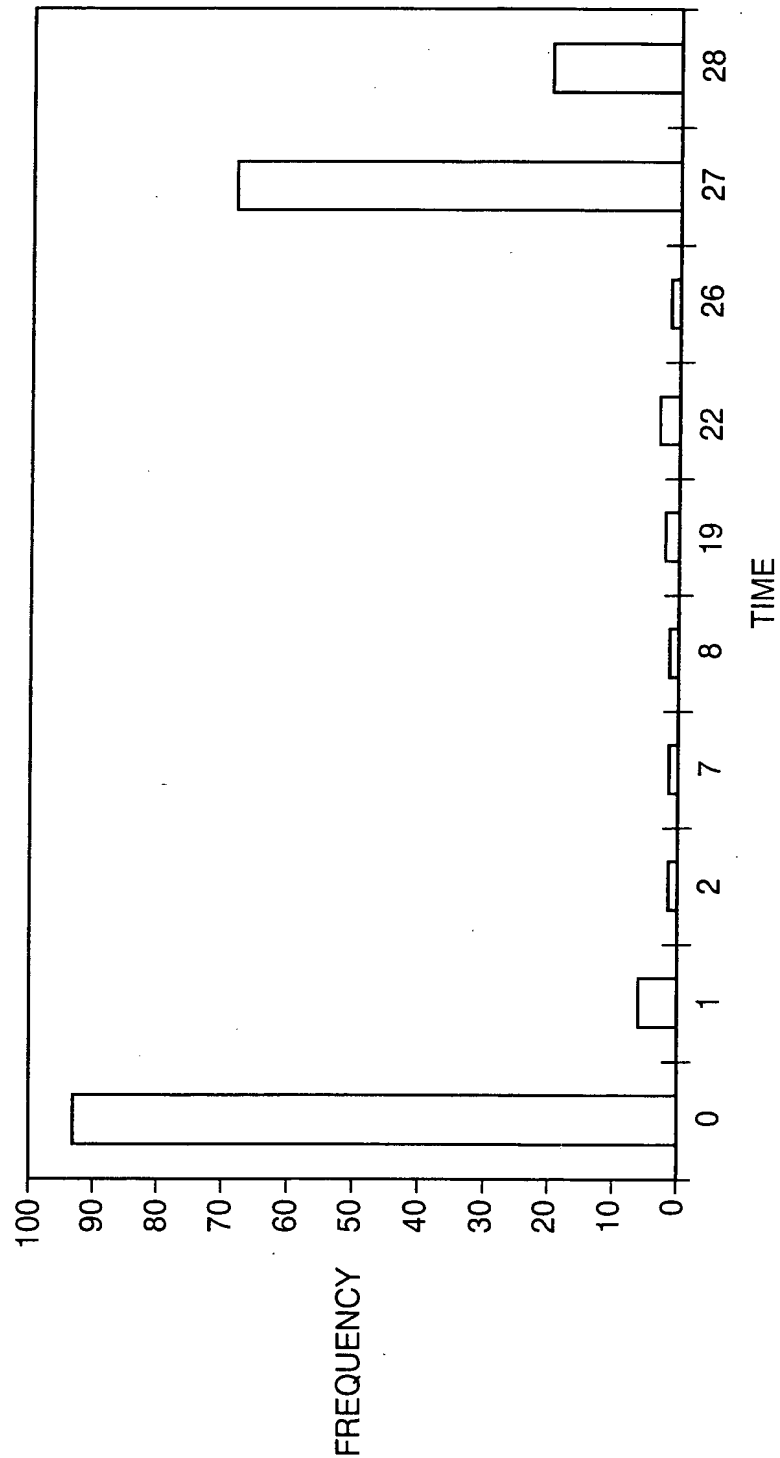


FIG. 3

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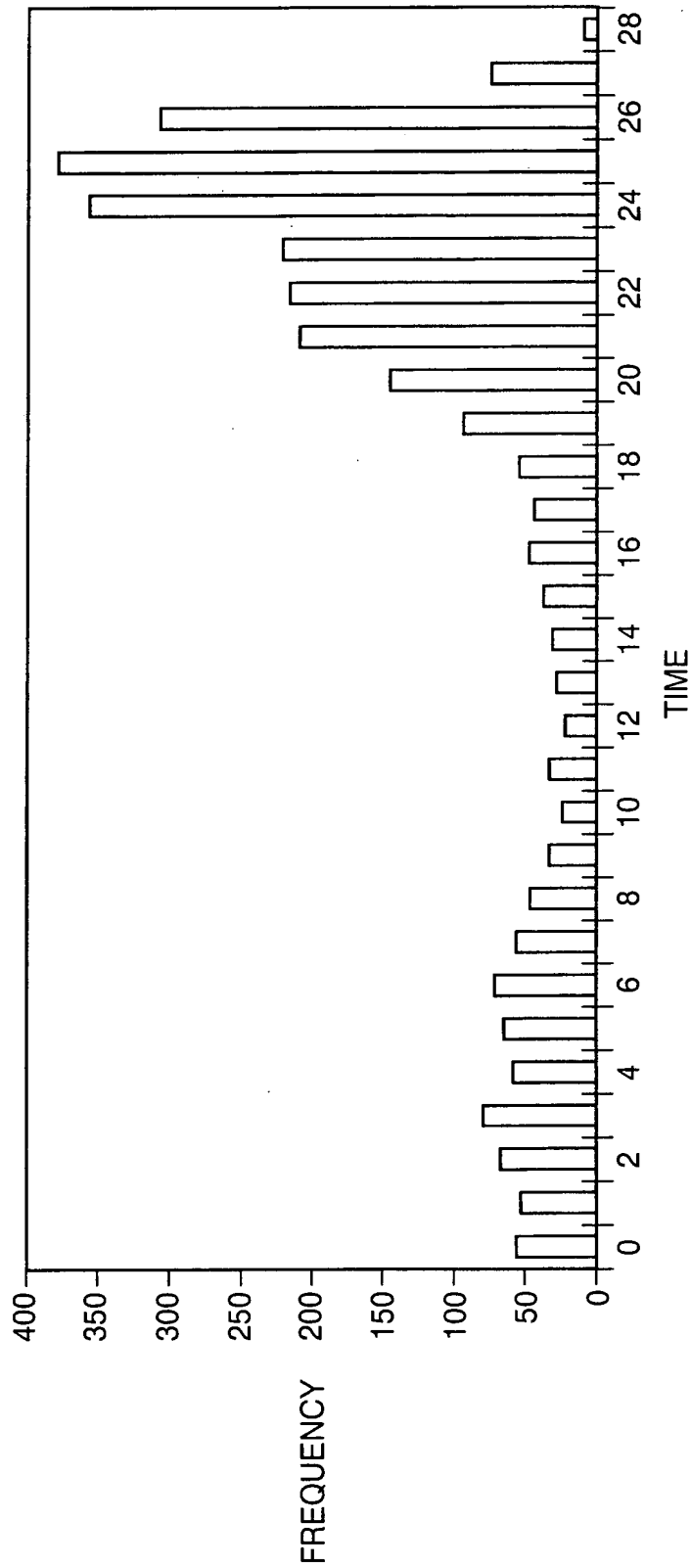


FIG. 4

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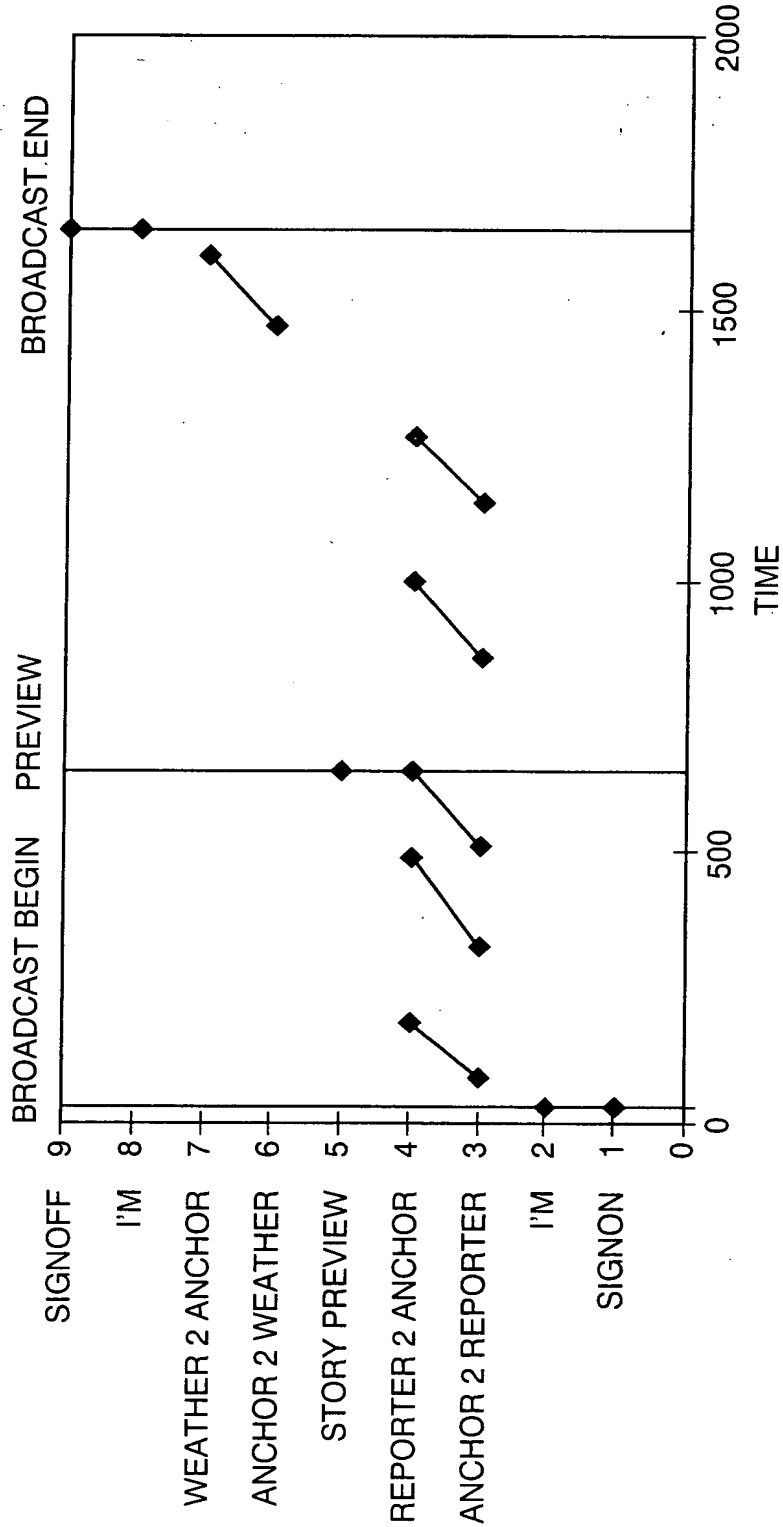


FIG. 5

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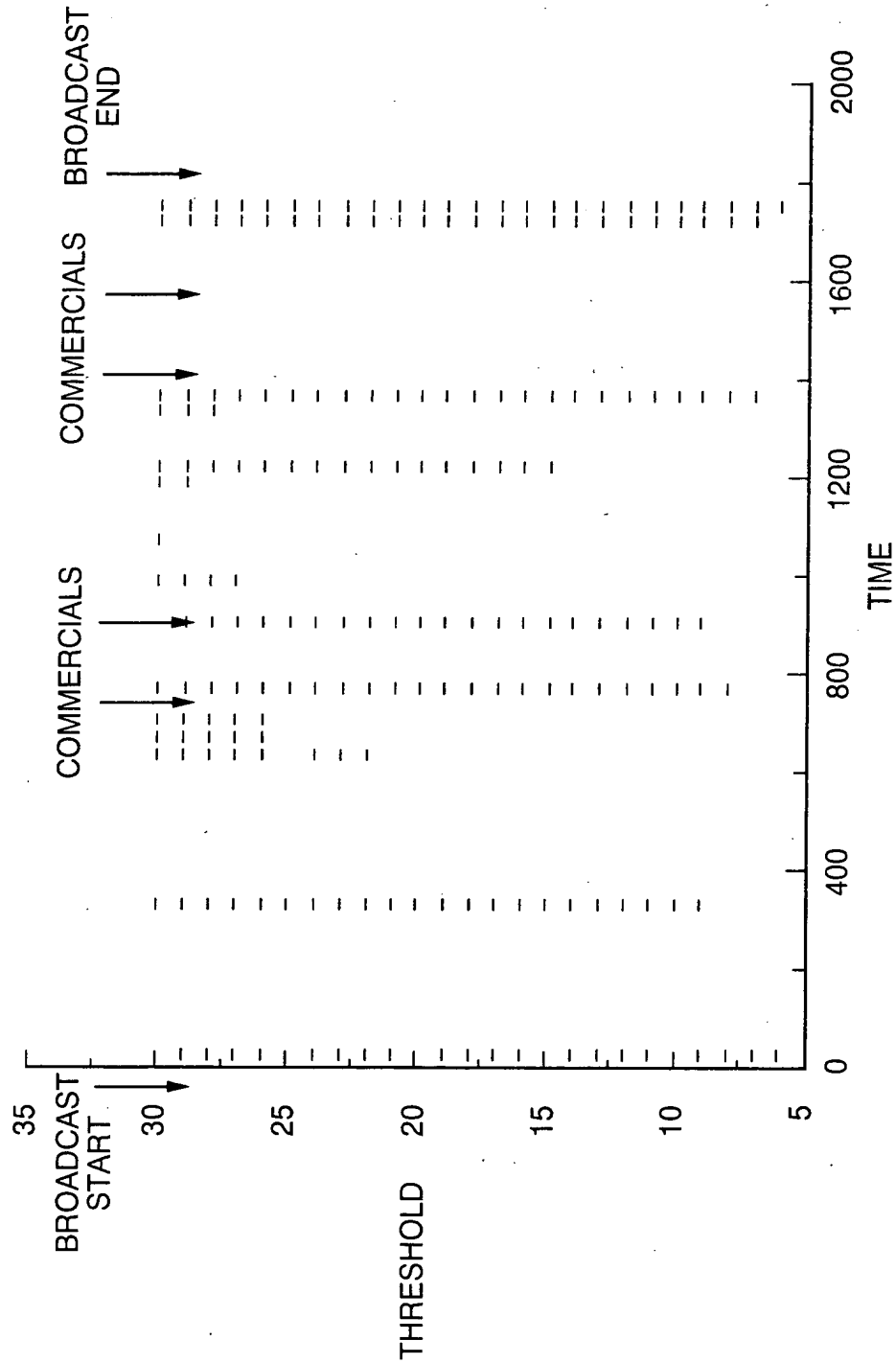


FIG. 6

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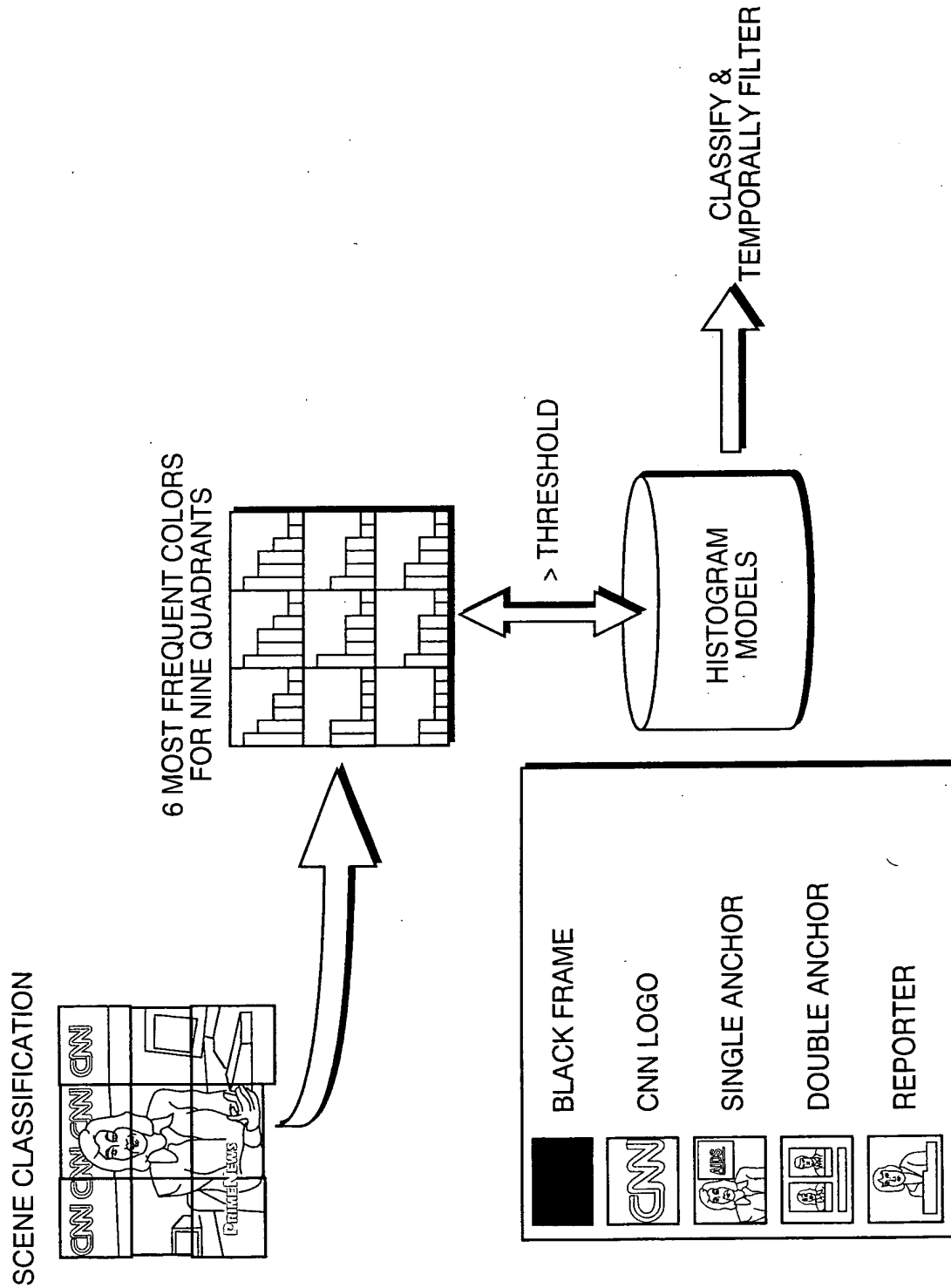


FIG. 7

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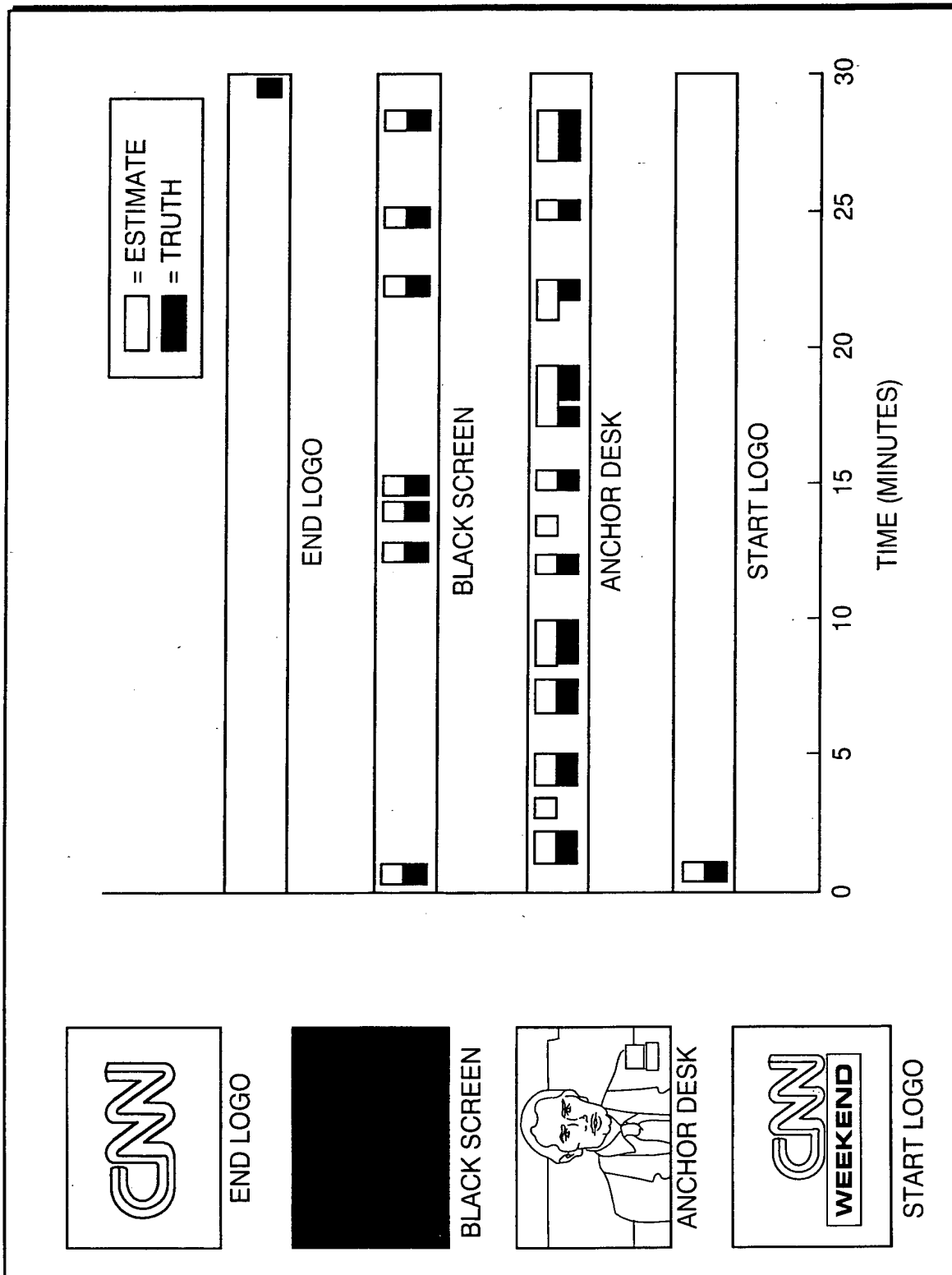


FIG. 8

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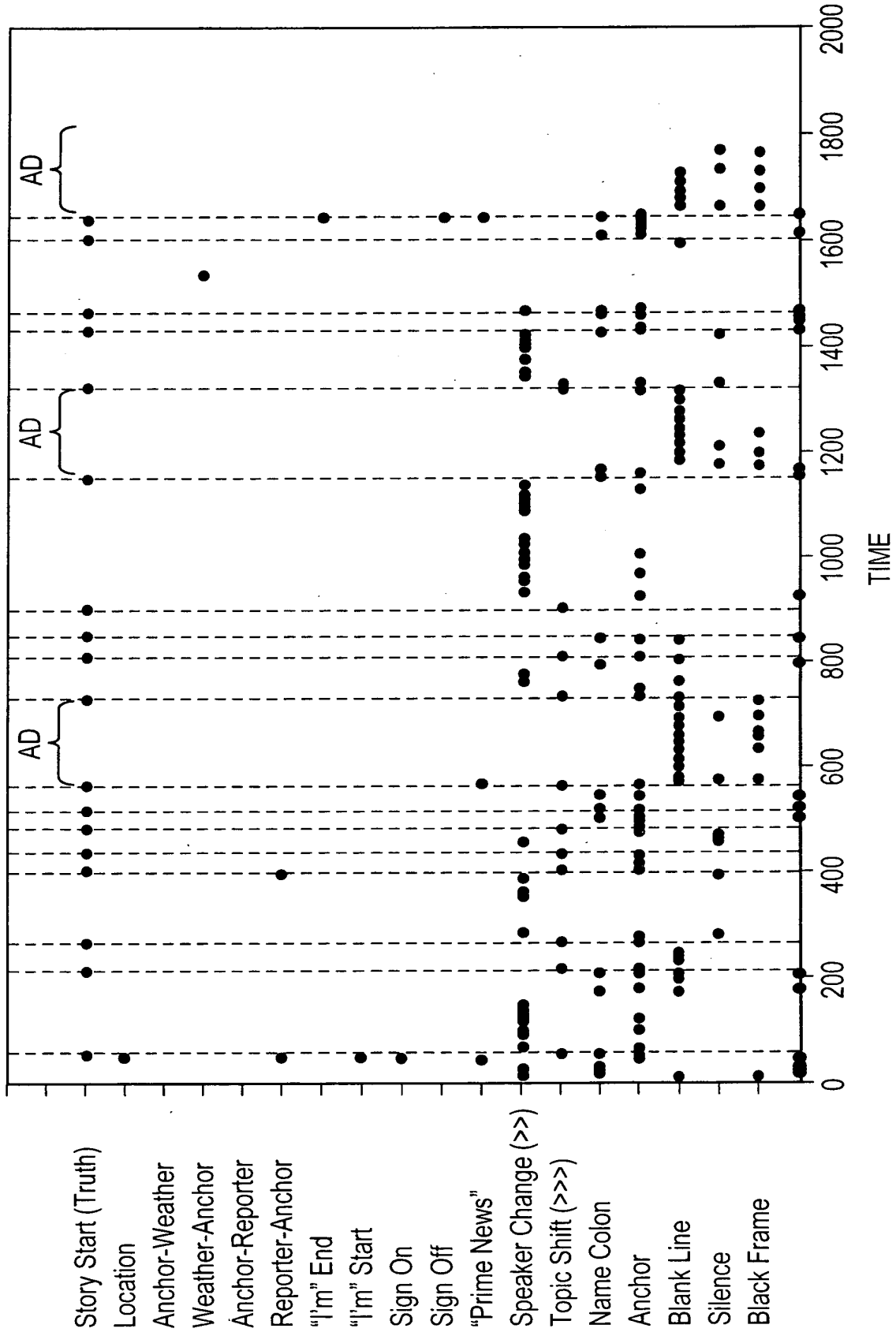


FIG. 9

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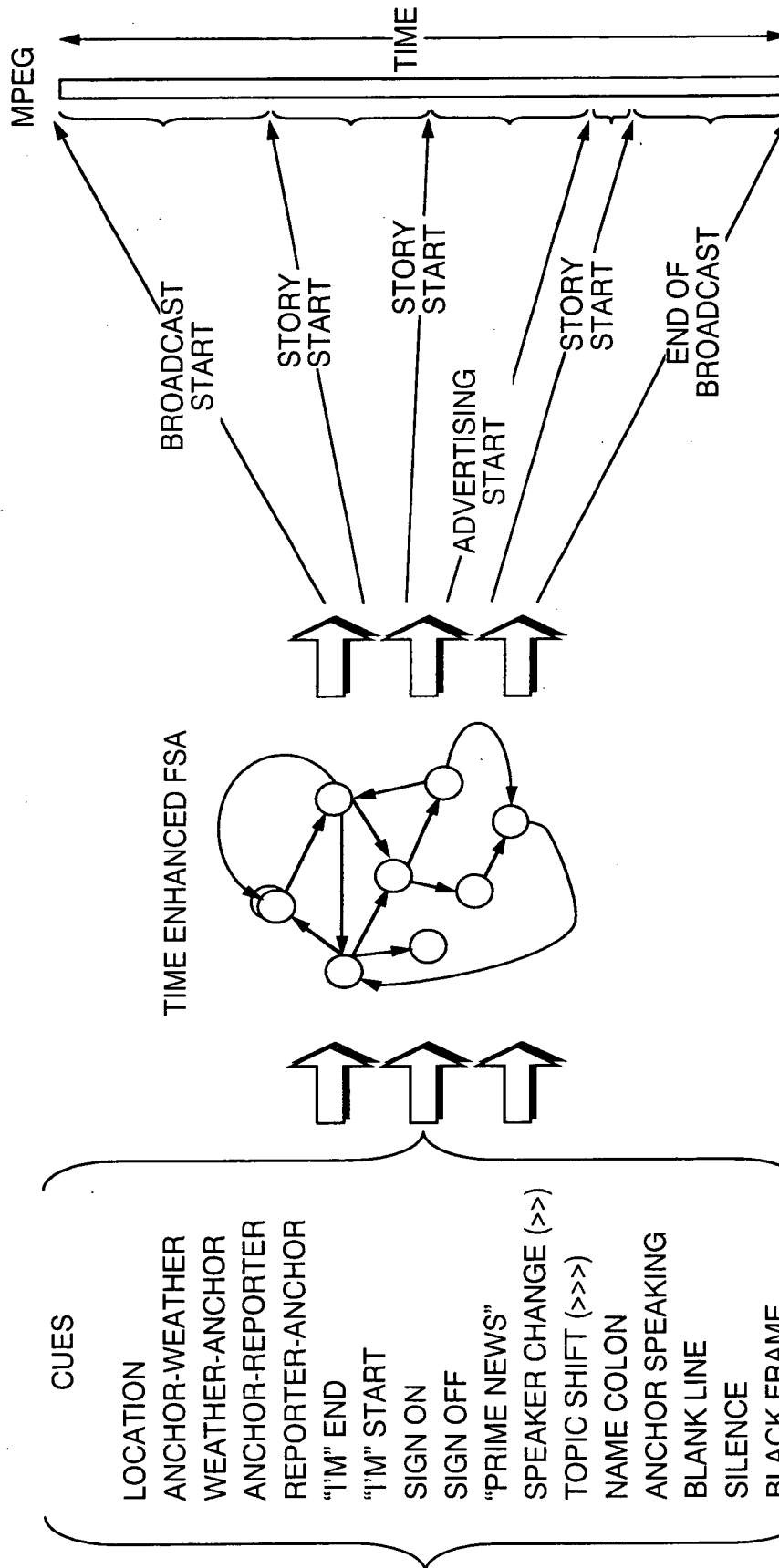


FIG. 10

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State_ID Description

- 1 Start
- 2 Wait for Broadcast Start
- 3 Highlights Begin
- 4 Highlights are ending
- 5 Story Segment Detected
- 6 Start of Story
- 7 Near end of Story
- 8 Advert Story Segment
- 9 Wait for Advert End
- 10 Broadcast End Story Segment
- 11 Broadcast Over
- 12 Story Buffer
- 13 Possible Advertisement
- 14 Very Possible Advertisement
- 15 Prime Possible Advertisement
- 16 Prime Highlight
- 17 Very Near Start
- 18 Possible end of Broadcast
- 19 Very Possible End
- 20 End Story Segment
- 21 End Broadcast
- 22 Reporter Segment

FIG. 12

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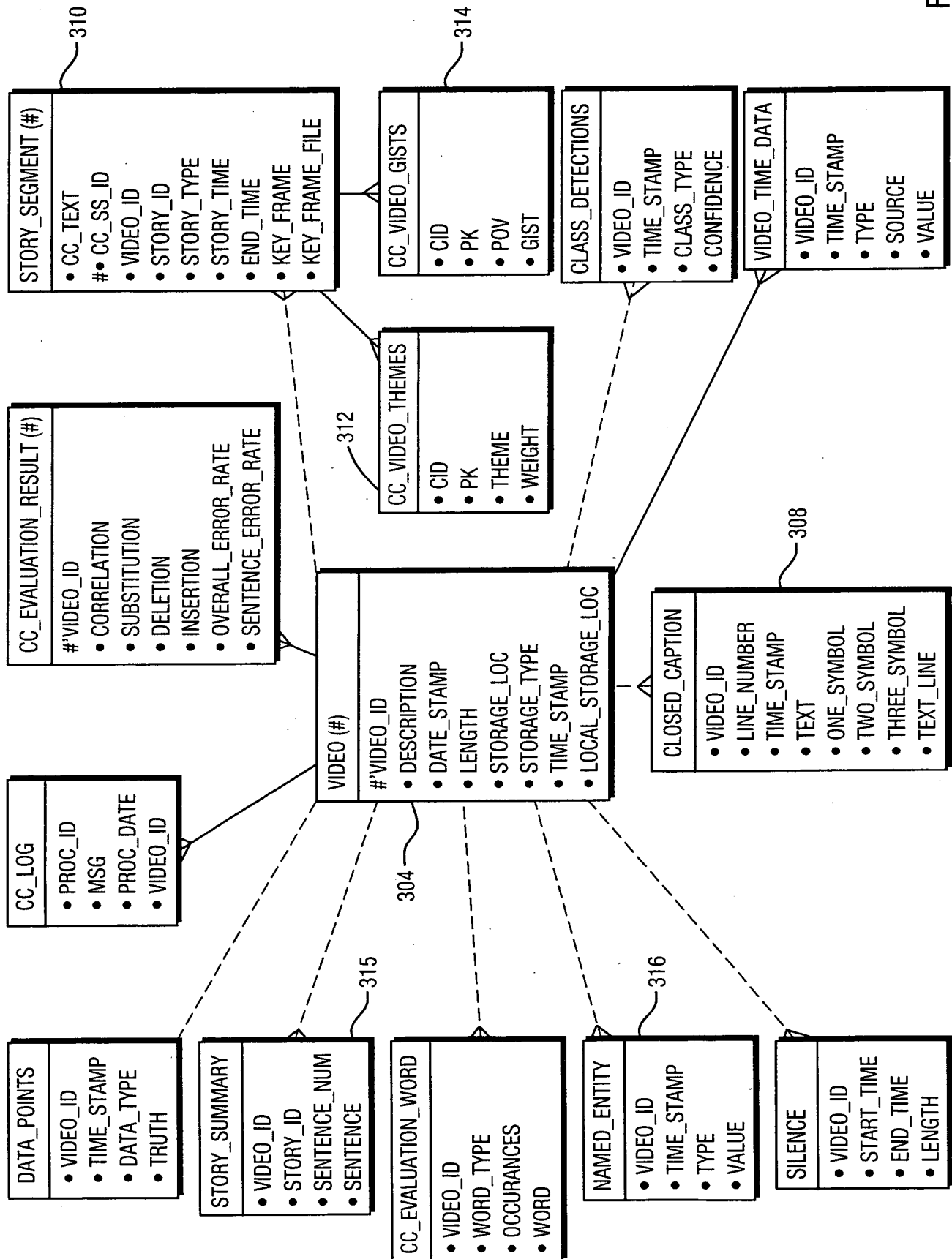


FIG. 13

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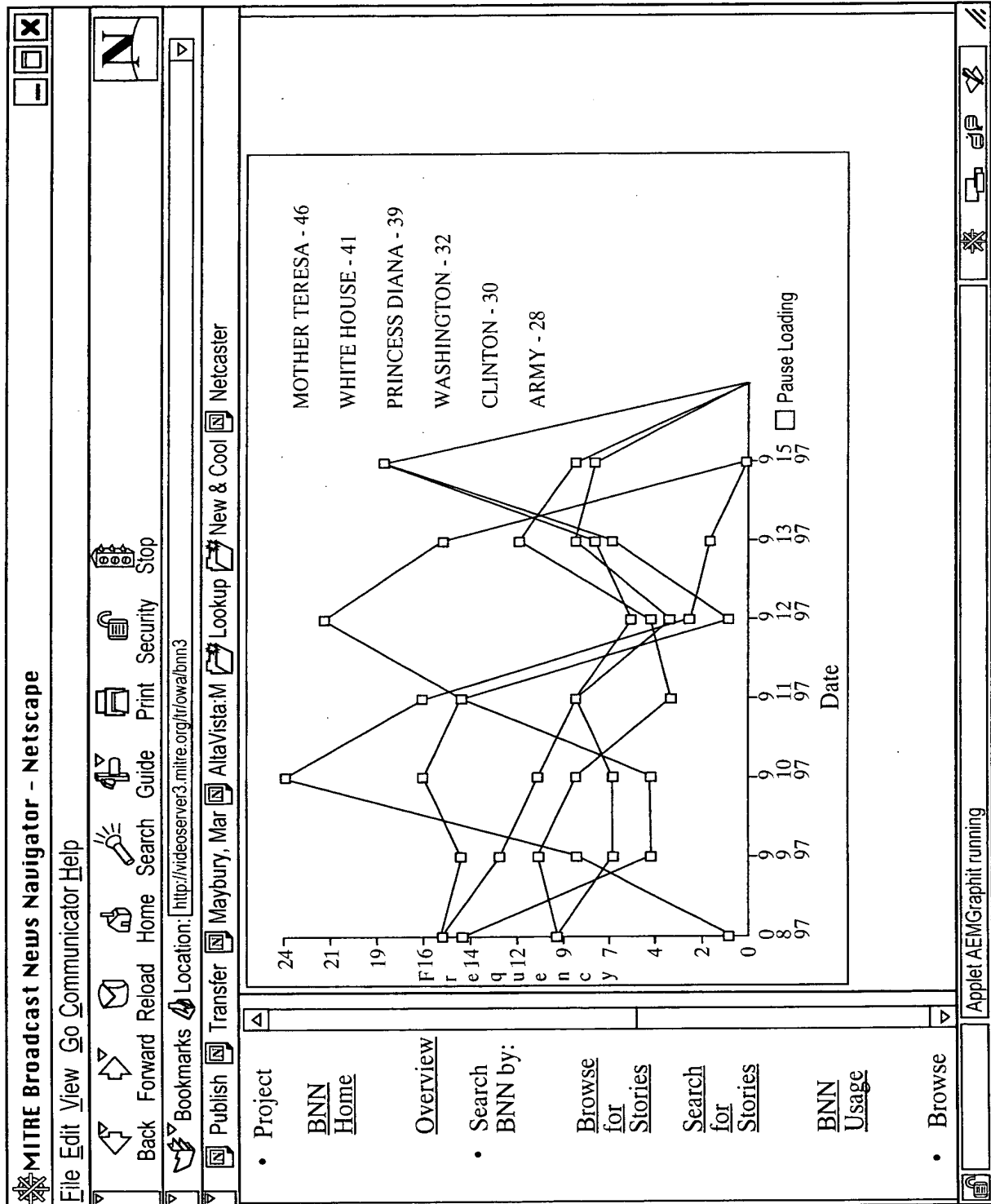


FIG. 14

Broadcast News Navigator Story Search Tool	
Select the type of News source(s), the period of time, and the types of tags you are interested in searching:	
News Source <div>60 Minutes ABC News Nightline ABC World News Andy's Story Segmentation Evaluation CBS Evening News CNN Early Prime CNN Headline News CNN International</div>	Broadcast Dates <div>From Date [01] [JAN] [1996] To Date [01] [JAN] [1996]</div> <div><input type="checkbox"/> Last 24 hrs <input type="checkbox"/> Last 3 days [From 24-SEP-1997] <input type="checkbox"/> Last Week [From 20-SEP-1997] <input type="checkbox"/> Last 2 Weeks [From 13-SEP-1997] <input type="checkbox"/> Last Month [From 28-AUG-1997] <input type="checkbox"/> Last 3 Months [From 29-JUN-1997] <input type="checkbox"/> Last 6 Months [From 28-MAR-1997] <input type="checkbox"/> Last Year [From 27-SEP-1996]</div>
Type of Search <div><input checked="" type="checkbox"/> Text Search <input type="checkbox"/> Topic Search <input type="checkbox"/> Person Search <input type="checkbox"/> Organization Search <input type="checkbox"/> Location Search</div>	

- Project
 - [BNN Home](#)
 - [Overview](#)
 - Search BNN by:
 - [Browse for Stories](#)
 - [Search for Stories](#)
 - [BNN Usage](#)
 - Browse Other Sources:

FIG. 15

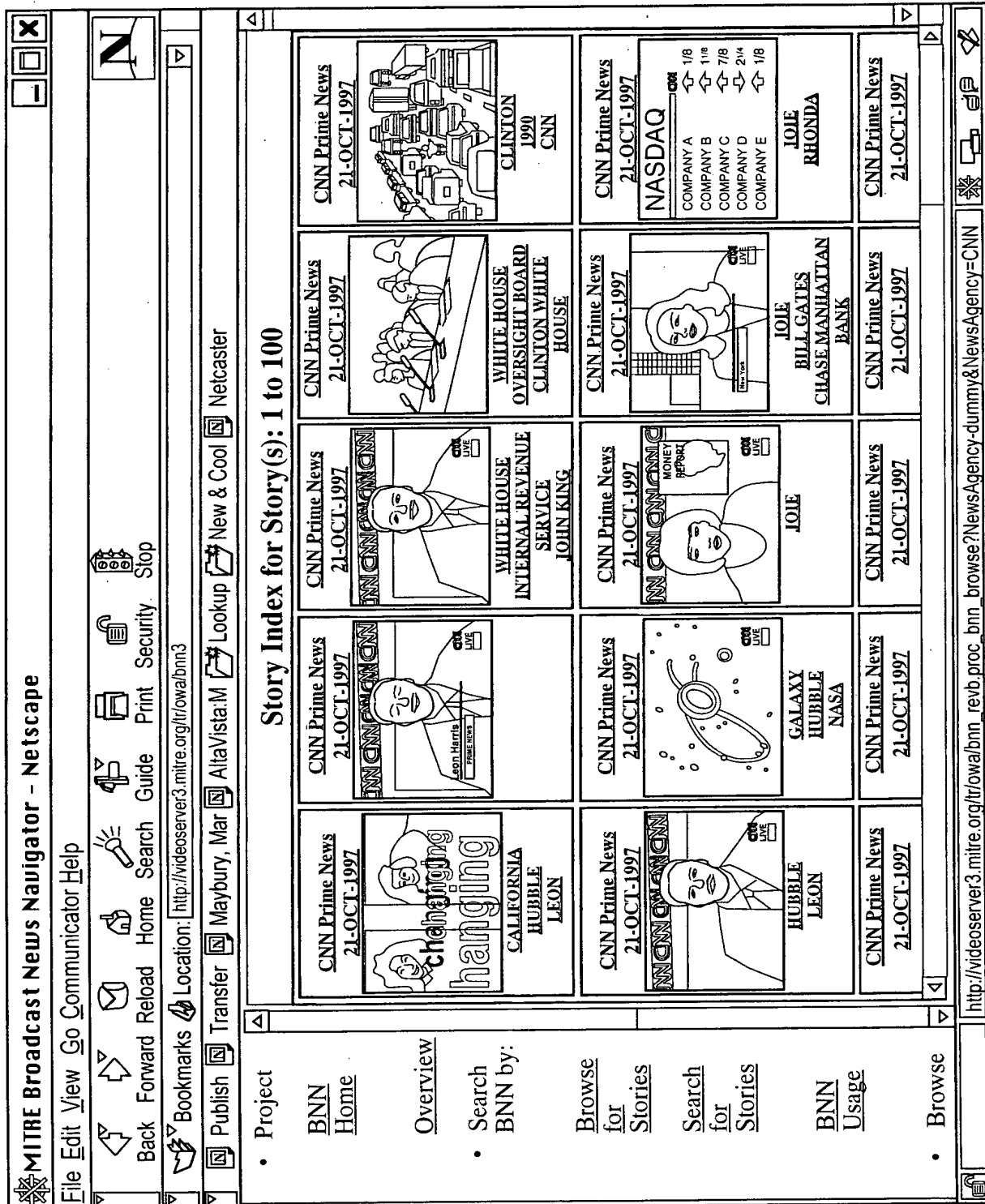


FIG. 16

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MITRE Broadcast News Navigator - Netscape

File Edit View Go Communicator Help

• Project

[BNN](#)
[Home](#)

[Overview](#)


• Search
BNN by:

[Browse](#)
for
Stories

[Search](#)
for
Stories


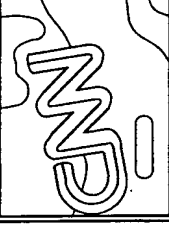
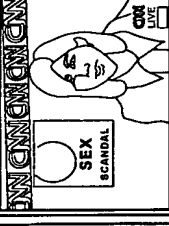
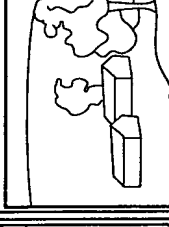


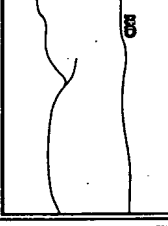

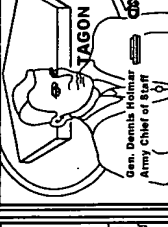

[BNN](#)
Usage

• Browse
Other
Sources:



Search Conditions:
Broadcast Agency(s): CNN Prime News
From Date: 18-MAR-1997 To Date: 17-SEP-1997
Text Search: PENTAGON
Number of Hits: 38

Story Index for Story(s): 1 to 10

CNN Prime News 06-MAY-1997	 Alameda California April 27	PENTAGON ALAMEDA NAVAL AIR CALIFORNIA	CNN Prime News 07-MAY-1997			CNN Prime News 08-MAY-1997	 SEX SCANDAL	AFRICAN AMERICAN MISSOURI PENTAGON	CNN Prime News 09-APR-1997		PENTAGON 1991 CHEMICAL	CNN Prime News 12-AUG-1997		CIA KAMISYAH PENTAGON
CNN Prime News 10-SEP-1997		ARMY CNN ABERDEEN	CNN Prime News 11-APR-1997		CNN CARL ROCHELLE CRAIG	CNN Prime News 21-OCT-1997	 ARMY BELMAR SIMPSON PENTAGON	ARMY ABERDEEN ABERDEEN MARYLAND	CNN Prime News 21-OCT-1997	 Gen. Dennis Heimer Army Chief of Staff	TAGON	CNN Prime News 12-AUG-1997		CIA KAMISYAH PENTAGON

Next 10 Stories

http://videosever3.mitre.org/t/lowa/bnn_revb.proc.bnn_browse?NewsAgency=dummy&NewsAgency=CNN













FIG. 17

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Broadcast News Navigator		
Tag Frequencies for the Last 7 Days		
Occurrences	Type	Value
86	ORGANIZATION	CNN
58	LOCATION	SIMPSON
45	PERSON	LINDEN
42	PERSON	NATALIE
31	PERSON	CLINTON
26	PERSON	OJ SIMPSON
25	PERSON	JEANNE
15	LOCATION	WASHINGTON
14	ORGANIZATION	WHITE HOUSE
14	PERSON	NICOLE BROWN SIMPSON

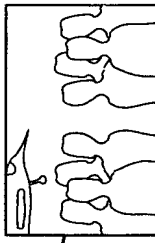
USER
SELECTS

FIG. 18

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Search Conditions:
 Location: ZAIRE
 From Date: 03/22/97
 To Date: 03/29/97

Key Frame



Program Information

1



CNN Prime News

03/23/97

Story Length:
00:00:39

Number Hits: 4

VIDEO

Tags:

LOCATION	ZAIRE	DATE	SUNDAY
LOCATION	BRAZZAVILLE	LOCATION	CONGO
PERSON	MOBUTU	PERSON	MOBUTU SESE SEKO

SUMMARY: ARE IN BRAZZAVILLE, CONGO, READY TO HELP EVACUATE AMERICANS FROM NEIGHBORING ZAIRE, SHOULD THAT BECOME NECESSARY

FIG. 19



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MITRE Broadcast News Navigator - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Guide Print Security Stop

Bookmarks Location: <http://video3.mitre.org/tr/owa/bnn3>

[Publish](#)
[Transfer](#)
[Maybury, Mar](#)
[AltaVista:M](#)
[Lookup](#)
[New & Cool](#)
[Netcaster](#)

Project

BNN Home

Overview

Search BNN by:

Browse for Stories

Search for Stories

BNN Usage

Browse Other Sources:

- To select multiple items in a list on a PC hold down the Ctrl key while making your selection.
- To select multiple items in a list on a Macintosh hold down the Command key while making your selection.

Topics and/or Tags Selected (14-OCT-1997 Through 21-OCT-1997)

Topic Search

Tropical Storm

U.S. Military

U.S. West Coast

U.S. presidents

United States

Person Search

43.80 MARK

AFRICAN AMERICANS

AL GORE

AL NI

ALAN

Organization Search

ROYAL AIR FORCE

S.U.V.

SENATE

SENATE COMMITTEE

SOVIET UNION

Location Search

BUCHAREST

BURBANK

CALIFORNIA

CALIFORNIA COAST

CAMP

Display 10 stones per page

Press Search to Continue or Clear to reset this form

Document Done

FIG. 21

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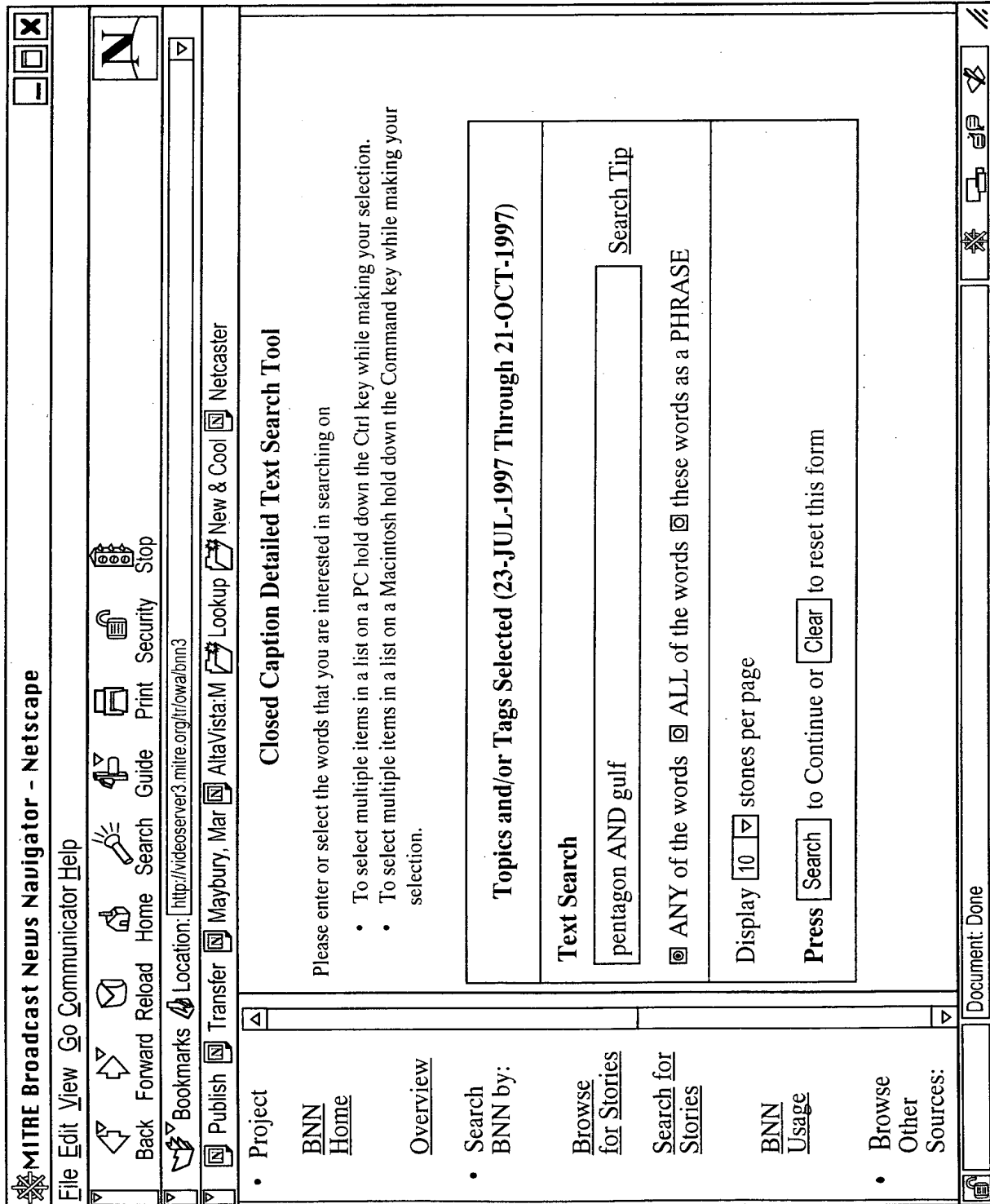


FIG. 22